

FIG. 1

NUMBER OF CONNECTION POINTS	WIRE RESISTANCE VALUE	WIRE CAPACITANCE VALUE
2	10	100
3	20	150
4	50	260
5	80	350
6	100	500
:	:	:
:	:	:

002221-10684760

FIG. 2

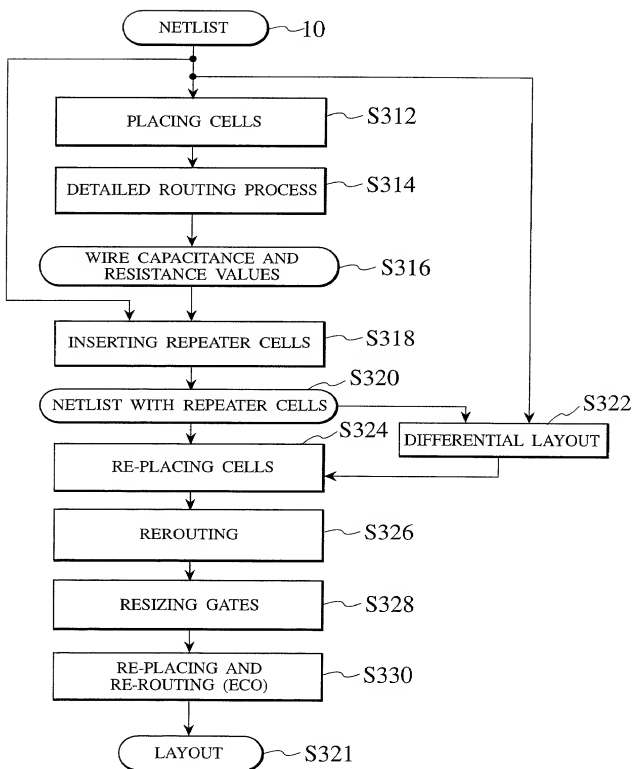


FIG. 3

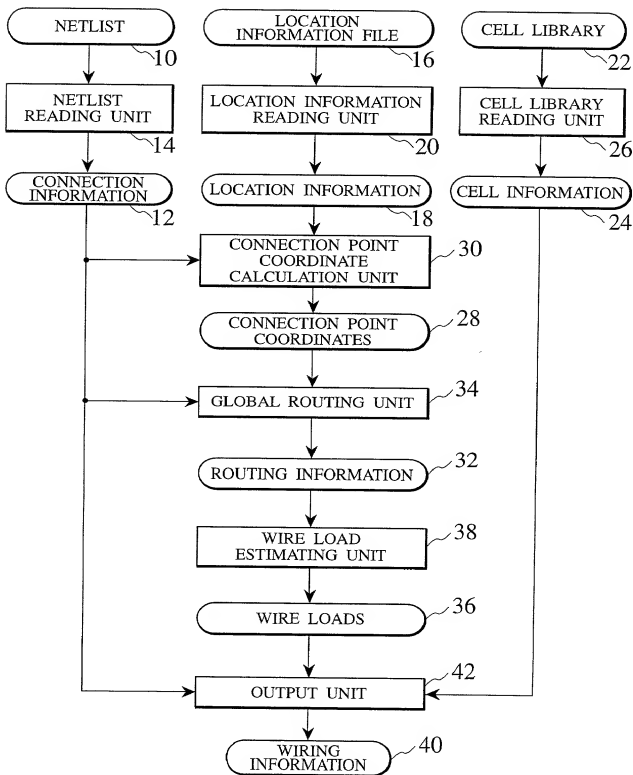


FIG. 4

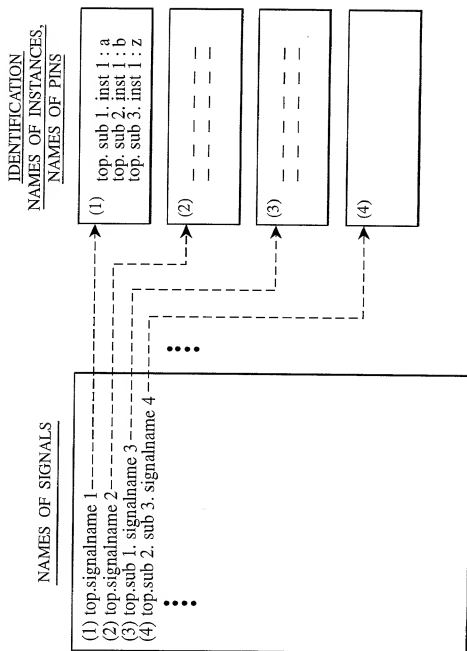


FIG. 5

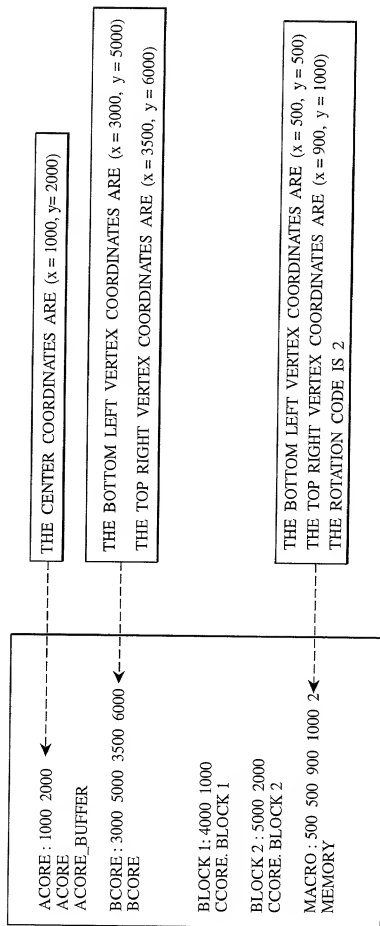


FIG. 6

ROTATION CODE

- 0: NO ROTATION
- 2: ROTATION OF 90 DEGREES IN THE LEFT DIRECTION
- 4: ROTATION OF 180 DEGREES
- 6: ROTATION OF 90 DEGREES IN THE RIGHT DIRECTION
- 12: MIRROR-IMAGING AROUND THE x-DIRECTION
- 8: MIRROR-IMAGING AROUND THE y-DIRECTION
- 10: MIRROR-IMAGING AROUND THE x-DIRECTION
FOLLOWED BY ROTATION OF 90 DEGREES IN THE LEFT DIRECTION
- 14: MIRROR-IMAGING AROUND THE x-DIRECTION
FOLLOWED BY ROTATION OF 90 DEGREES IN THE RIGHT DIRECTION

FIG. 7

NAME OF BLOCK	NAME OF PIN	x-COORDINATE AND y-COORDINATE	
MEMORY 1	A0	100	0
MEMORY 1	A1	200	0
MEMORY 1	A2	300	0
⋮			
MEMORY 2	A0	0	100
MEMORY 2	A1	0	200

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FIG. 8

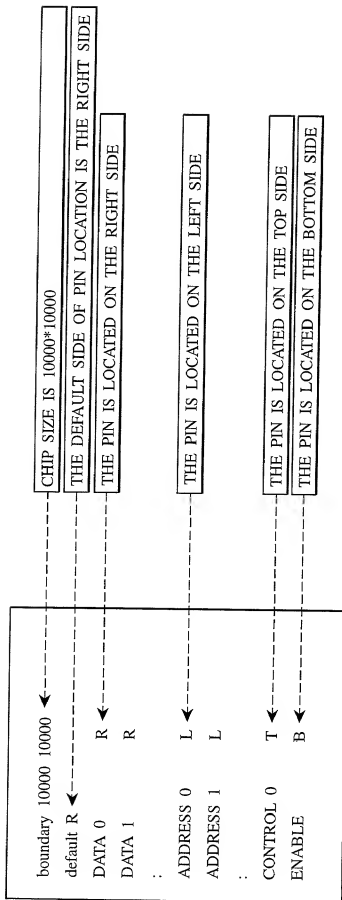


FIG. 9

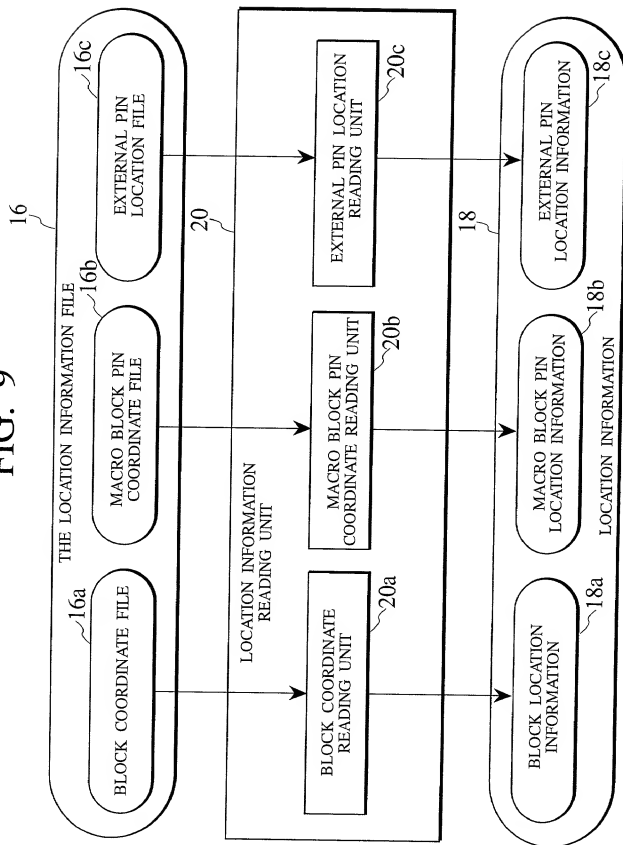


FIG. 10

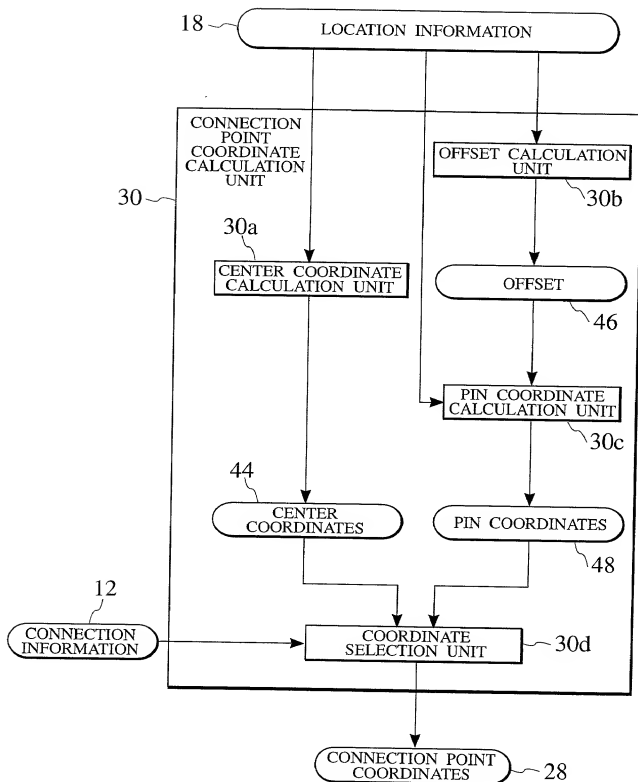
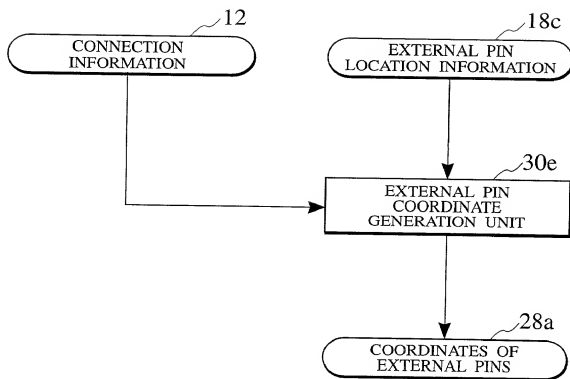
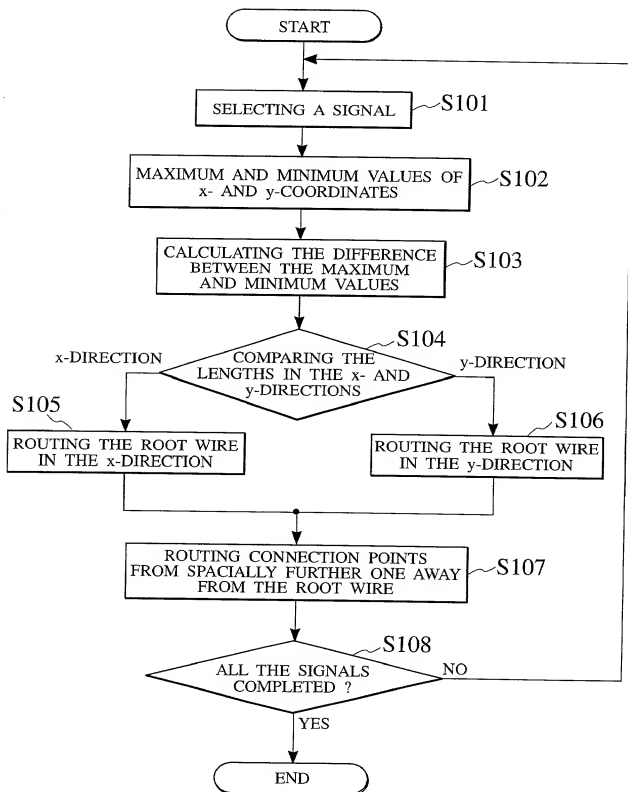


FIG. 11



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FIG. 12



09748901.122700

FIG. 13A

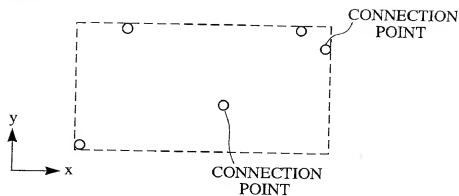


FIG. 13B

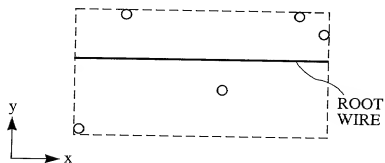


FIG. 13C

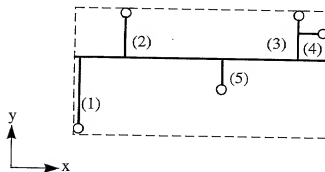


FIG. 14

NAME OF SIGNAL	CAPACITANCE VALUE	CONNECTION NODE	CONNECTION POINT	NAME OF PIN	CAPACITANCE VALUE	IN	COORDINATE	Y-COORDINATE
* NET DATAOUT_4_0.742980PE								
* 1 (LITE_255.M10 : A LITE_255.M10 A								
* 1 (LITE_255.M4 : A LITE_255.M4 A								
* 1 (SAM_HOS_TOPHOS_HS.HSDAT_reg_4_								
Cg1_30 N138_281_5 0 8.700e-15								
Cg2_30 N138_282_127 0 9.744e-14								
Cg3_30 N138_282_155 0 9.744e-14								
Cg4_30 N138_282_183 0 9.744e-14								
Cg5_30 N138_282_211 0 5.923e-14								
Cg6_30 N138_282_37 0 9.744e-14								
Cg7_30 N138_282_65 0 9.744e-14								
Cg8_30 N138_282_9 0 5.742e-14								
Cg9_30 N138_282_93 0 5.916e-14								
Cg10_30 N138_282_99 5 0.916e-14								
Cg11_30 SAM_HOS_TOP_HOS_HS.HSDAT_reg_4_								
R1_30 LITE_255.M10:A N138_281_5 0.100								
R2_30 LITE_255.M4:A N138_281_5 0.100								
R3_30 SAM_HOS_TOPHOS_HS.HSDAT_reg_4_								
R4_30 N138_282_211 N138_282_183 75.600								
R5_30 N138_282_183 N138_282_155 75.600								
R6_30 N138_282_155 N138_282_127 75.600								
R7_30 N138_282_127 N138_282_99 75.600								
R8_30 N138_282_99 N138_282_37 75.600								
R9_30 N138_282_37 N138_282_9 75.600								
R10_30 N138_282_9 N138_282_65 75.600								
R11_30 N138_282_65 N138_282_37 75.600								
R12_30 N138_282_37 N138_282_9 75.600								
R13_30 N138_282_9 N138_281_5 13.500								

<==== WIRE RESISTANCE VALUE

<==== WIRE RESISTANCE VALUE

FIG. 15

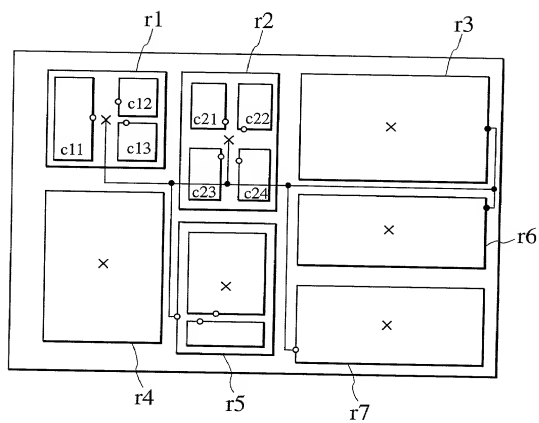


FIG. 16

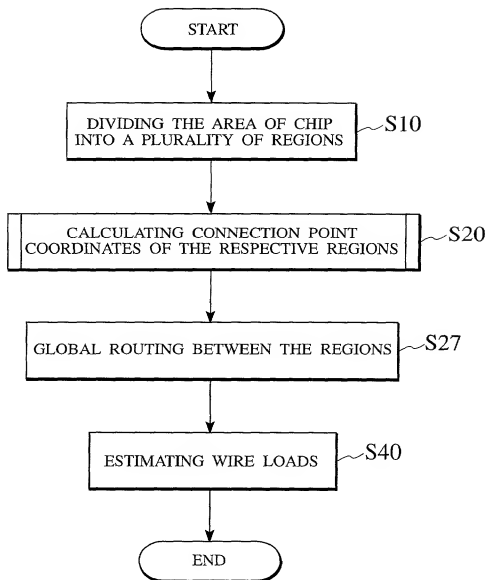


FIG. 17A

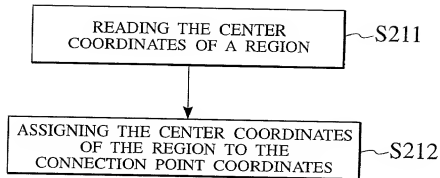


FIG. 17B

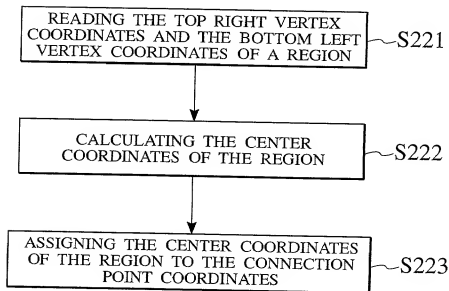


FIG. 18A

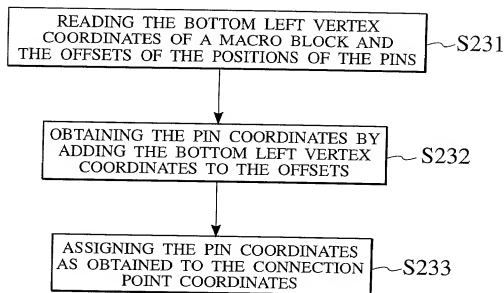


FIG. 18B

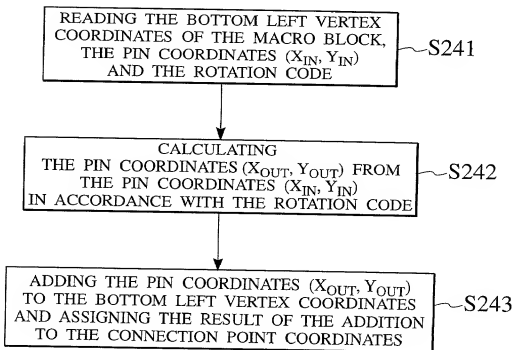


FIG. 19

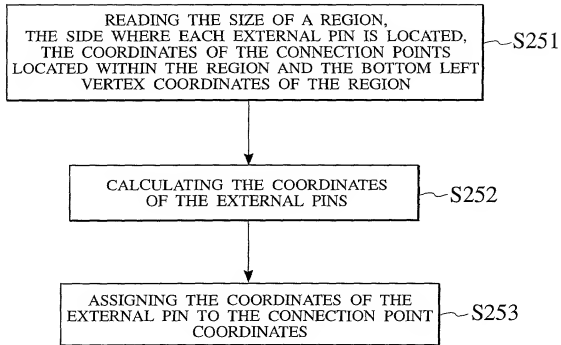


FIG. 20

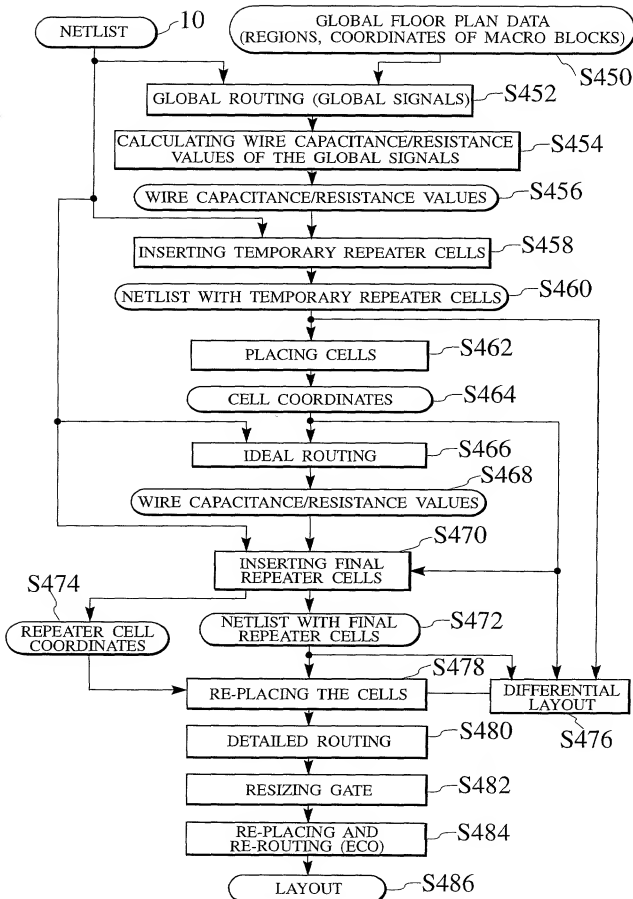


FIG. 21

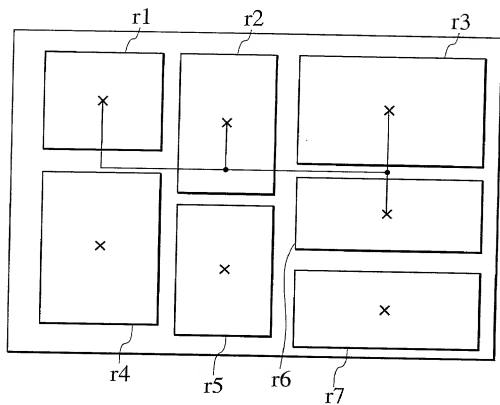


FIG. 22

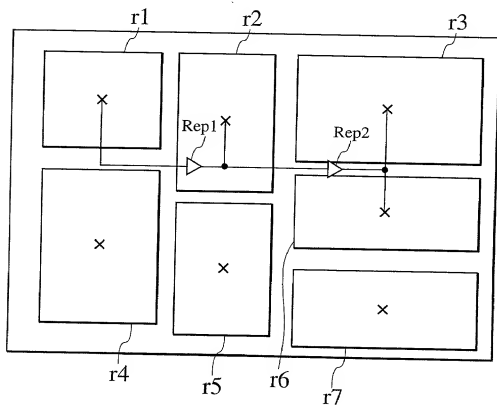


FIG. 23

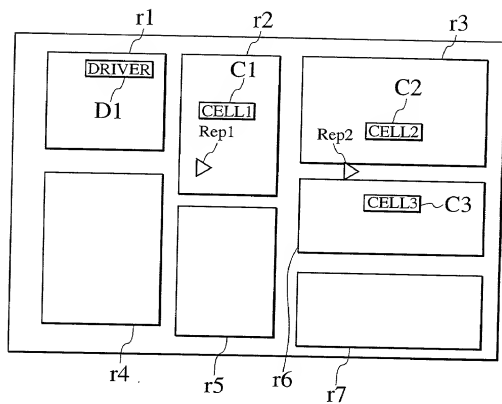


FIG. 24

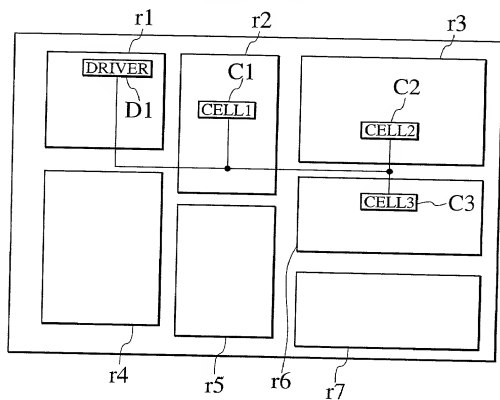


FIG. 25

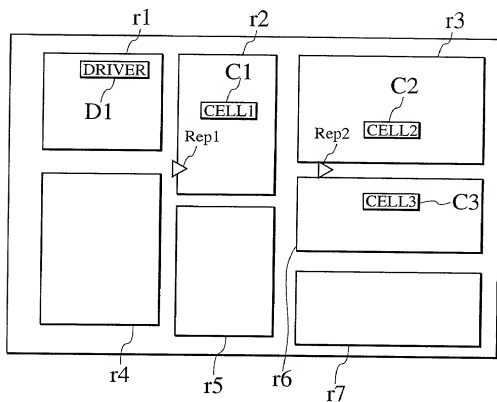


FIG. 26

